

ABSTRACT

A method for automated system identification of a linear system is disclosed. A model structure is selected and one or more reference signal values are generated for input into the system. Input signal values and output
5 signal values are retrieved from the system and system identification is performed on the model structure using the input signal values, the output signal values, and the one or more reference signal values. A point model, obtained as a result of the system identification, is then verified for accuracy.

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